

Resume Analysis

In this activity, you will generate a Python script to analyze a resume text file.

Instructions

- Read the resume file as text using the `with` statement.
- Create a list containing all words in the resume.
 - Convert each word to lowercase to normalize the data.
- Use `split` to remove and trailing punctuation so only words remain.
- Create a set of unique words from the resume using `set()`.
- Use set operations to filter out all remaining punctuation from the set of words.
 - Create a set from `string.punctuation` to use in the difference operation.
- Use the cleaned set (no punctuation) to find all of the words from the resume that match the required skills.
- Use the cleaned set (no punctuation) to find all of the words that match the desired skills.

Bonuses

- Count the number of occurrences for each word in the resume and print the top 10 occurring words in the resume.
 - Use a dictionary data structure to hold the counts for each word.
 - Make sure to remove punctuation and `stop words`

Hints

- Carefully consider when to use a Dictionary data structure vs. a Set data structure when operating on Unique and Non-unique elements.